

645760-5869660

1 cm
|-----|

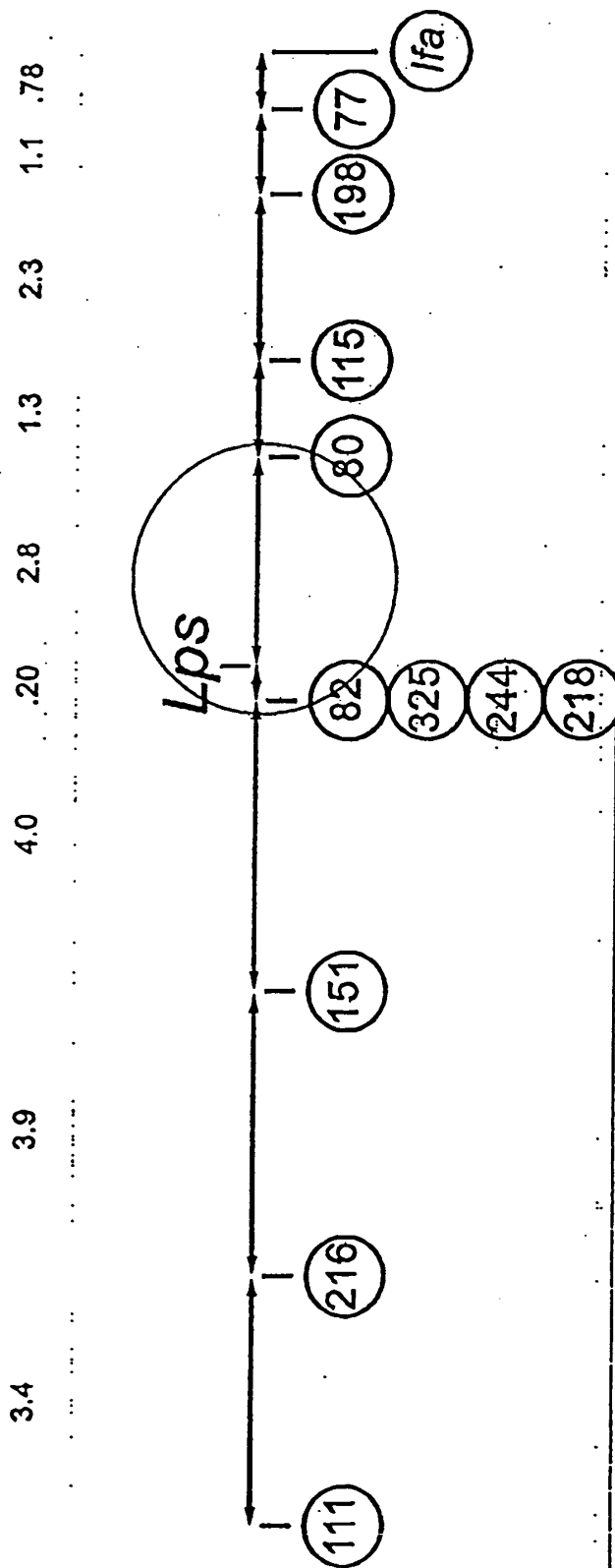


FIG. 1

605160 53636260

FIG 2 A.

1 Mb

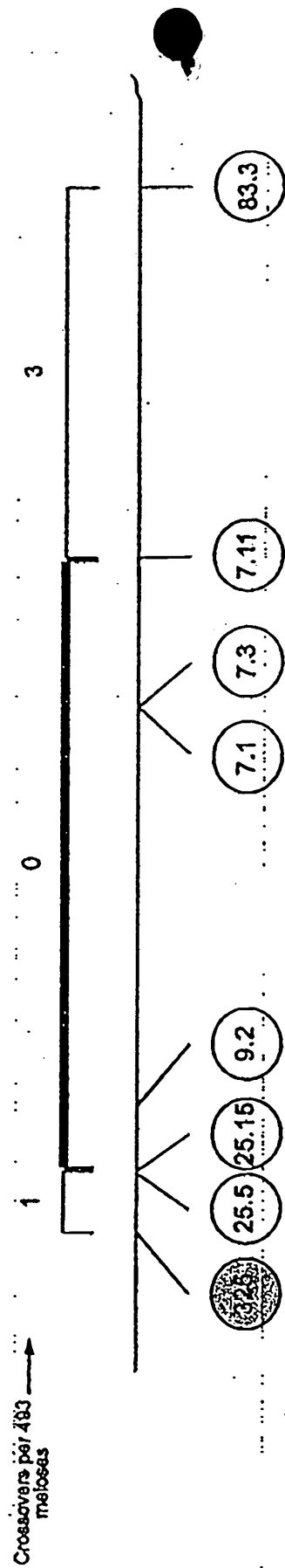
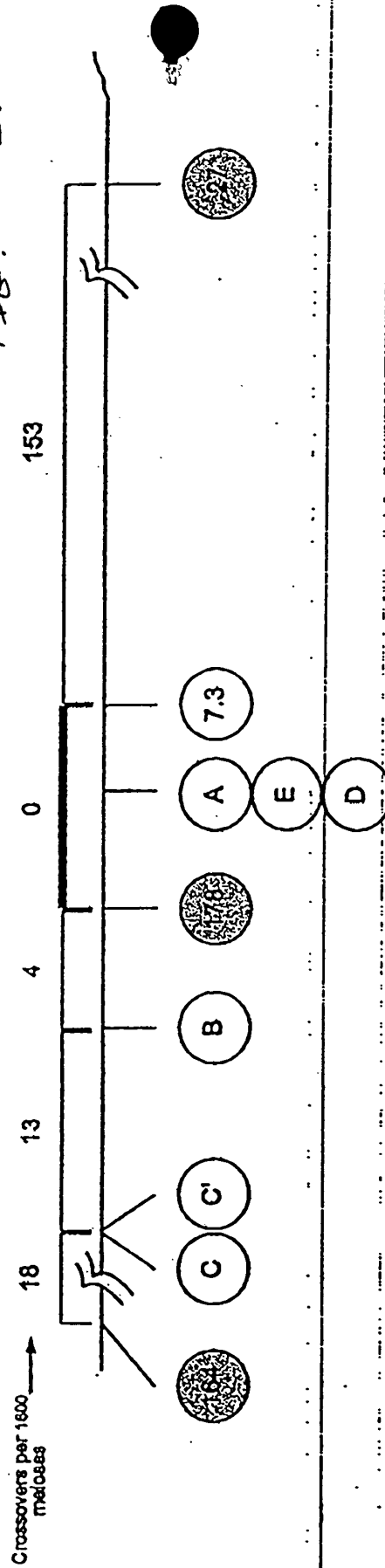
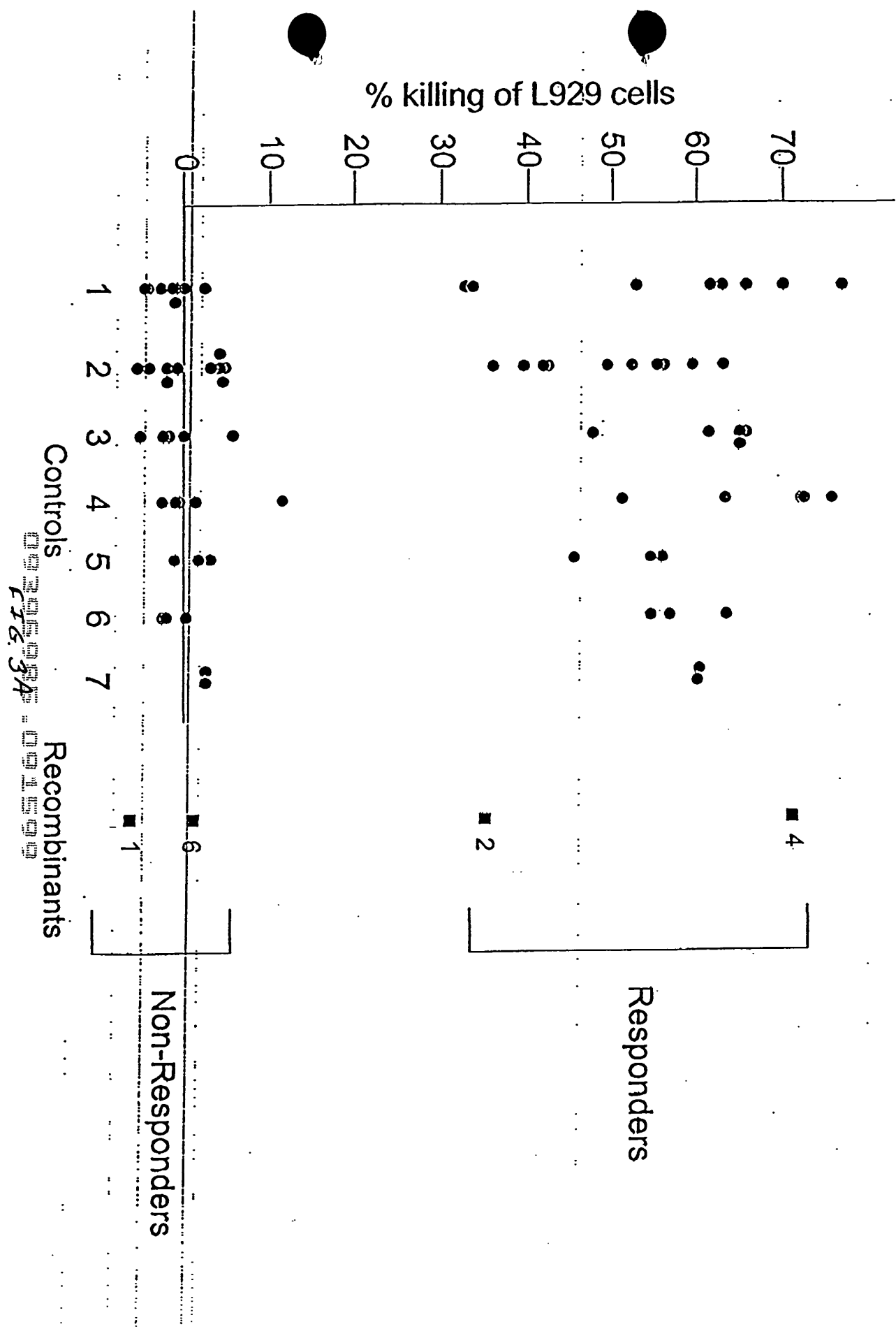


FIG. 2 B.

153



Lps



Responders

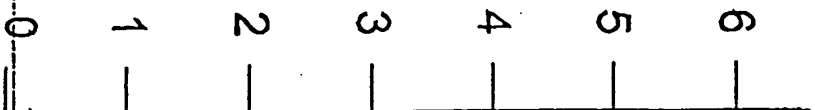
Non-Responders

Controls

Recombinants

0030508A 001500
Fig. 3A

LPS Response Index



1

2

3

Controls

Recombinants

0930424-8B1599

Responders

Non-Responders



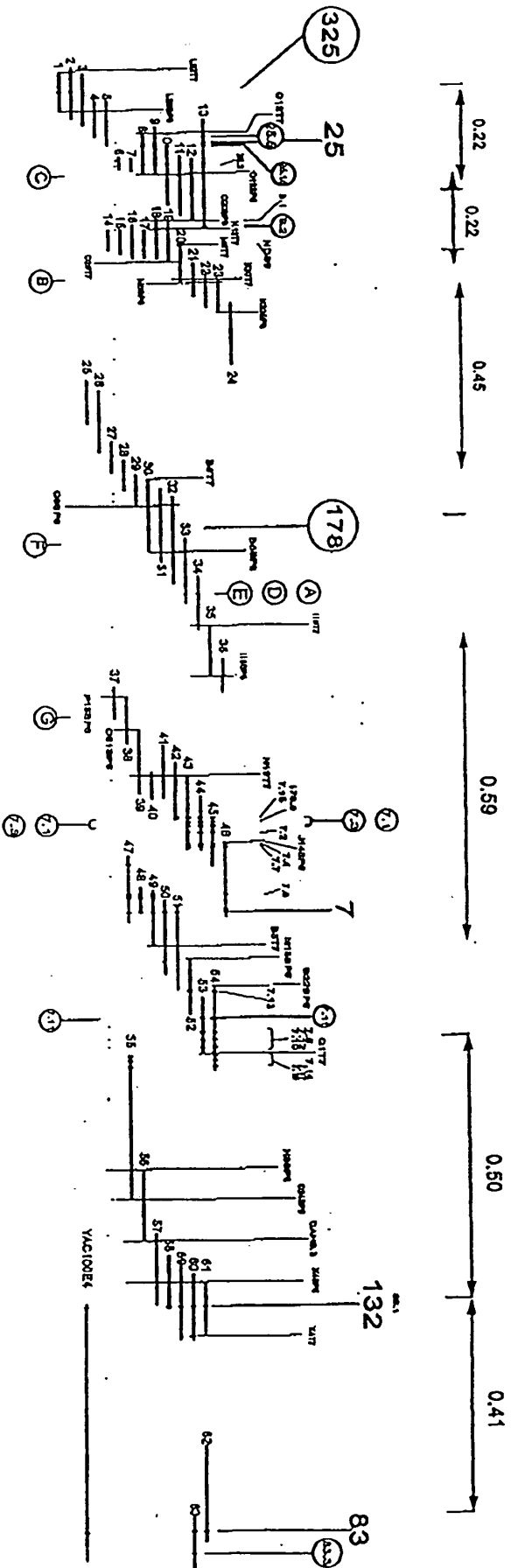
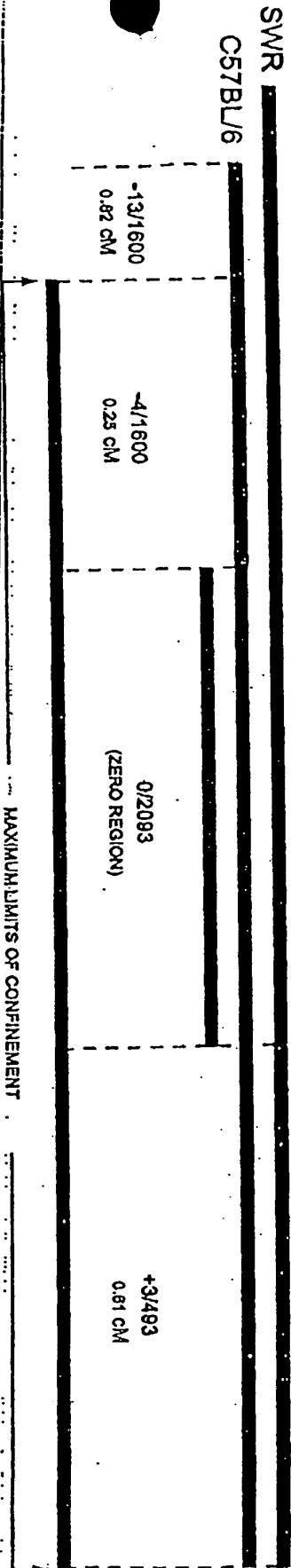


FIG. 4A



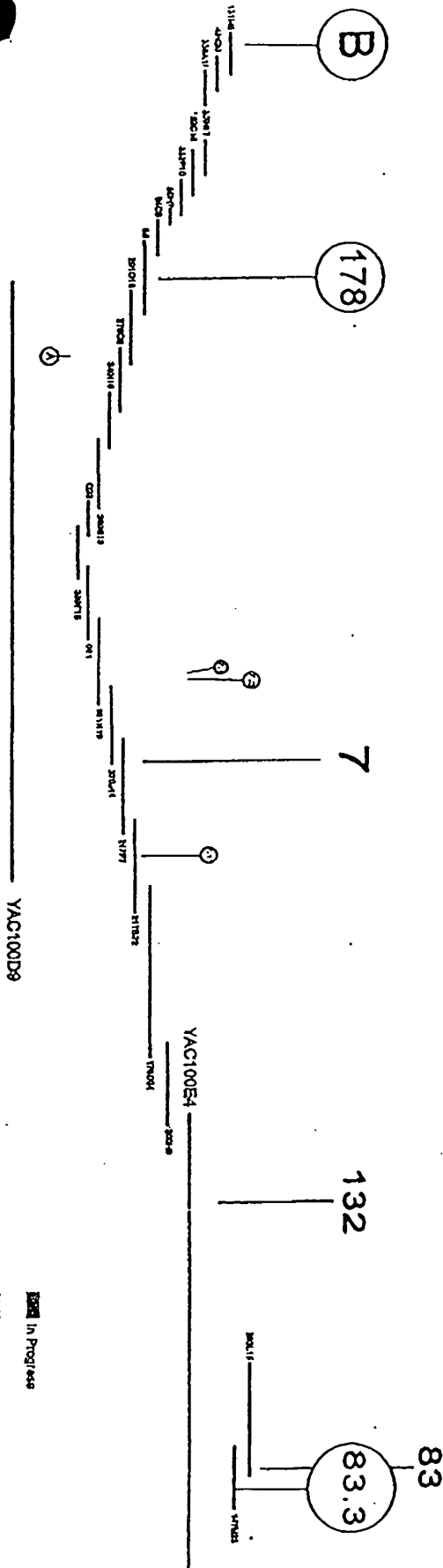
1 Mb

0939654b 091E99

-4/1600
0.38 cM

0/2093

+3/493
1.2 cM



1.0 Mb

09395526-051509

4/1600

0/493

B

Lps

D4MIT17

49K20

309117

152C16

Pappa

Tlr-4

FIG. 6
02396985.091509

| | | | | | | | | |
|---------|-----|-------------|-------------|-------------|------------|----|-------------|-----|
| jtoll | 1 | MMPPWLLA | LIMAL.FFSC | LTPGSLNPCI | EVVPN | QC | MDQKLSKVPD | 50 |
| ntoll | | MMPPWLLART | LIMAL.FFSC | LTPGSLNPCI | EVVPNITYQC | | MDQKLSKVPD | |
| rattlr4 | | MMPLHLAGT | LIMAL.FLSC | LRPGSLNPCI | EVLPNITYQC | | MDQNLISKIPH | |
| humtlr4 | | MMSASRLAGT | LIPAMAFISC | VRPESWEPVCV | EVVPNITYQC | | MELNFYKIPD | |
| jtoll | 51 | DIPSSTKNID | LSFNPLKILK | SYSFSNFSEL | QWLDLSRCEI | | ETIEDKAWHG | 100 |
| ntoll | | DIPSSTKNID | LSFNPLKILK | SYSFSNFSEL | QWLDLSRCEI | | ETIEDKAWHG | |
| rattlr4 | | DIPYSTKNLD | LSFNPLKILR | SYSFTNFSOL | QWLDLSRCEI | | ETIEDKAWHG | |
| humtlr4 | | NLPFSTKNLD | LSFNPLRHLG | SYSFFSFPEL | QWLDLSRCEI | | QTIEDGAYQS | |
| jtoll | 101 | LHHLNLILT | GNPIQSFSPG | SFSGLTSLN | LVAVETKLAS | | LESFPIGOLI | 150 |
| ntoll | | LHHLNLILT | GNPIQSFSPG | SFSGLTSLN | LVAVETKLAS | | LESFPIGOLI | |
| rattlr4 | | LNOLSTLVL | GNPIQSFSPG | SFSGLTNLEN | LVAVETKMTS | | LEGFHIGOLI | |
| humtlr4 | | LSHLSTLILT | GNPIQSLALG | AFSGLSSLOK | LVAVETNLAS | | LENFPIGHLK | |
| jtoll | 151 | TLKKLNVAHN | FIHSCKLPAY | FSNLTNLVHV | DLSYNYIOTI | | TVNDLQFLRE | 200 |
| ntoll | | TLKKLNVAHN | FIHSCKLPAY | FSNLTNLVHV | DLSYNYIOTI | | TVNDLQFLRE | |
| rattlr4 | | SLKKLNVAHN | LIHSFKLPEY | FSNLTNLEHV | DLSYNYIOTI | | SVKDLOFLRE | |
| humtlr4 | | TLKELNVAHN | LIQSFKLPEY | FSNLTNLEHL | DLSSNKIQSI | | YCTDLRVLHQ | |
| jtoll | 201 | NPQVNLSDM | SLNPIDFIQD | QAFQGIKLHE | LTLRGNFNSS | | NIMKTCLQNL | 250 |
| ntoll | | NPQVNLSDM | SLNPIDFIQD | QAFQGIKLHE | LTLRGNFNSS | | NIMKTCLQNL | |
| rattlr4 | | NPQVNLSDL | SLNPIDSIQA | QAFQGIKLHE | LTLRGNFNSS | | NVLKMCLQNM | |
| humtlr4 | | MPLNLSDL | SLNPMNFIQ | GAFKEIRLHK | LTLRNNFDSL | | NVMKTCIQGL | |
| jtoll | 251 | AGLHVHRLIL | GEFKDERNLE | IFEPSIMEGL | CDVTIDEFRL | | TYTNDFSDDI | 300 |
| ntoll | | AGLHVHRLIL | GEFKDERNLE | IFEPSIMEGL | CDVTIDEFRL | | TYTNDFSDDI | |
| rattlr4 | | TGLHVHRLIL | GEFKERNLE | SFDRSVMGL | CNVSIDEFRL | | TYINHFSDDI | |
| humtlr4 | | AGLEVHRLVL | GEFRNEGNLE | KFDKSALEGL | CNLTIEEFRL | | AYLDYYLDDI | |
| jtoll | 301 | VK.FHCLANV | SAMSLAGVSI | KYLEDVPKHF | KWQSLSIIRC | | QKQFPPTLDD | 350 |
| ntoll | | VK.FHCLANV | SAMSLAGVSI | KYLEDVPKHF | KWQSLSIIRC | | QKQFPPTLDD | |
| rattlr4 | | YN.LNCLANI | SAMSFVGVI | KHIADVPRHF | KWQSLSIIRC | | HLKPFPPKLSL | |
| humtlr4 | | IDLENCCLTNV | SSFSLSVSVTI | ERVKDFSYNF | GWQHLELVNC | | KFGQFPPTLKL | |
| jtoll | 351 | PFLKSLTITM | NKGSISFKKV | ALPSSLSYLDL | SRNALSFSGC | | CSYSDLGNTS | 400 |
| ntoll | | PFLKSLTITM | NKGSISFKKV | ALPSSLSYLDL | SRNALSFSGC | | CSYSDLGNTS | |
| rattlr4 | | PFLKSWITLT | NREDISFGOL | ALPSLRYLDD | SRNAMSFRGC | | CSYSDFGTNN | |
| humtlr4 | | KSLKRLTETS | NKGGNAFSEV | DLPSELEFLD | SRNGLSFKGC | | CSQSDFGTTS | |
| jtoll | 401 | LRHLDLSFNG | AIIMSANFMG | LEELQHLDFQ | HSTLKRVTET | | SAFLSLEKLL | 450 |
| ntoll | | LRHLDLSFNG | AIIMSANFMG | LEELQHLDFQ | HSTLKRVTET | | SAFLSLEKLL | |
| rattlr4 | | LKYLDLSFNG | VILMSANFMG | LEELEYLDFQ | HSTLKKVTEF | | SVFLSLEKLL | |
| humtlr4 | | LKYLDLSFNG | VITMSSNELG | LEQLEHLDFQ | HSNLKQMSF | | SVFLSLRNL | |

00306000 001500

| | | | | | |
|---------|------------|------------|------------|-------------|------------|
| | 451 | | | | 500 |
| jtoll | YLDISYTNTK | IDFDGIFLGL | TSLNTLKMAG | NSFKDNTLSN | VFANTTNLTF |
| ntoll | YLDISYTNTK | IDFDGIFLGL | TSLNTLKMAG | NSFKDNTLSN | VFANTTNLTF |
| rattlr4 | YLDISYTNTK | IDFDGIFLGL | ISLNTLKMAG | NSFKDNTLSN | VFNTTNLTF |
| humt1r4 | YLDISHTHTR | VAFNGIFNGL | SSLEVLKMAG | NSFQENFLPD | IFTELRNLTF |
| | 501 | | | | 550 |
| jtoll | LDLSKCQLEQ | ISWGVFDTLH | RLQLLNMSHN | NLLFLDSSHY | NQLYSLSTLD |
| ntoll | LDLSKCQLEQ | ISWGVFDTLH | RLQLLNMSHN | NLLFLDSSHY | NQLYSLSTLD |
| rattlr4 | LDLSKCQLEQ | ISRGVFDTLY | RLQLLNMSHN | NLLFLDPSHY | KQLYSLRTLD |
| humt1r4 | LDLSQCQLEQ | LSPTAFNSLS | SLQVLNMSHN | NFFSLDTPFY | KCLNSLQVLD |
| | 551 | | | | 600 |
| jtoll | CSFNRIETS. | KGILQHFPKS | LAFFNLTNNS | VACICEHQKF | LQWVKEQKQF |
| ntoll | CSFNRIETS. | KGILQHFPKS | LAFFNLTNNS | VACICEHQKF | LQWVKEQKQF |
| rattlr4 | CSFNRIETS. | KGILQHFPKS | LAVFNLTNNS | VACICEYQNF | LQWVKDQKMF |
| humt1r4 | YSLNHIMTSK | KQELQHFPSS | LAFLNLTQND | FACTCEHQSF | LQWIKDQROL |
| | 601 | | | | 650 |
| jtoll | LVNVEQMTCA | TPVEMNTSLV | LDENNSTCYM | YKTLISVSVV | SVIIVSTVAF |
| ntoll | LVNVEQMTCA | TPVEMNTSLV | LDENNSTCYM | YKTLISVSVV | SVIIVSTVAF |
| rattlr4 | LVNVEQMKCA | SPIDMKASLV | LDFTNSTCYI | YKTLISVSVV | SVLVVATVAF |
| humt1r4 | LVEVERMECA | TPSDKQGMPV | LSL.NITCOM | NKTLIGVSVL | SVLVVSVYAV |
| | 651 | | | | 700 |
| jtoll | LYHFEYFHLI | LIAGCKKYSR | GESIYDAFVI | YSSQNEWDWR | NELVKNLEEG |
| ntoll | LYHFEYFHLI | LIAGCKKYSR | GESIYDAFVI | YSSQNEWDWR | NELVKNLEEG |
| rattlr4 | LYHFEYFHLI | LIAGCKKYSR | GESIYDAFVI | YSSQNEWDWR | NELVKNLEEG |
| humt1r4 | LVYKEYEFLM | LLAGCIKYGR | GENIYDAFVI | YSSQDEWDWR | NELVKNLEEG |
| | 701 | | | | 750 |
| jtoll | VPRFHLCLHY | RDFIHGVAIA | ANIIQEGFHK | SRKVIVVVS | HFIQSRWCIF |
| ntoll | VPRFHLCLHY | RDFIHGVAIA | ANIIQEGFHK | SRKVIVVVS | HFIQSRWCIF |
| rattlr4 | VPRFQLCLHY | RDFIHGVAIA | ANIIQEGFHK | SRKVIVVVS | HFIQSRWCIF |
| humt1r4 | VPPFQLCLHY | RDFIHGVAIA | ANIIHEGFHK | SRKVIVVVSQ | HFIQSRWCIF |
| | 751 | | | | 800 |
| jtoll | EYEIAQTWQF | LSSRSGIIFI | VLEKVEKSLL | RQQVELYRLL | SRNTYLEWED |
| ntoll | EYEIAQTWQF | LSSRSGIIFI | VLEKVEKSLL | RQQVELYRLL | SRNTYLEWED |
| rattlr4 | EYEIAQTWQF | LSSRSGIIFI | VLEKVEKSLL | RQQVELYRLL | SRNTYLEWED |
| humt1r4 | EYEIAQTWQF | LSSRAGIIFI | VLOKVEKTLL | RQQVELYRLL | SRNTYLEWED |
| | 801 | | | | 840 |
| jtoll | NPLGRHIFWR | RLKNALLDCK | ASNPEQTAE | EQETATWT~ | |
| ntoll | NPLGRHIFWR | RLKNALLDCK | ASNPEQTAE | EQETATWT~ | |
| rattlr4 | NALGRHIFWR | RLKKALLDCK | ALNPDETSEE | EQEATTLT~ | |
| humt1r4 | SVLGRHIFWR | RLRKALLDCK | SWNPEGTVGT | GCONWQEATSI | |

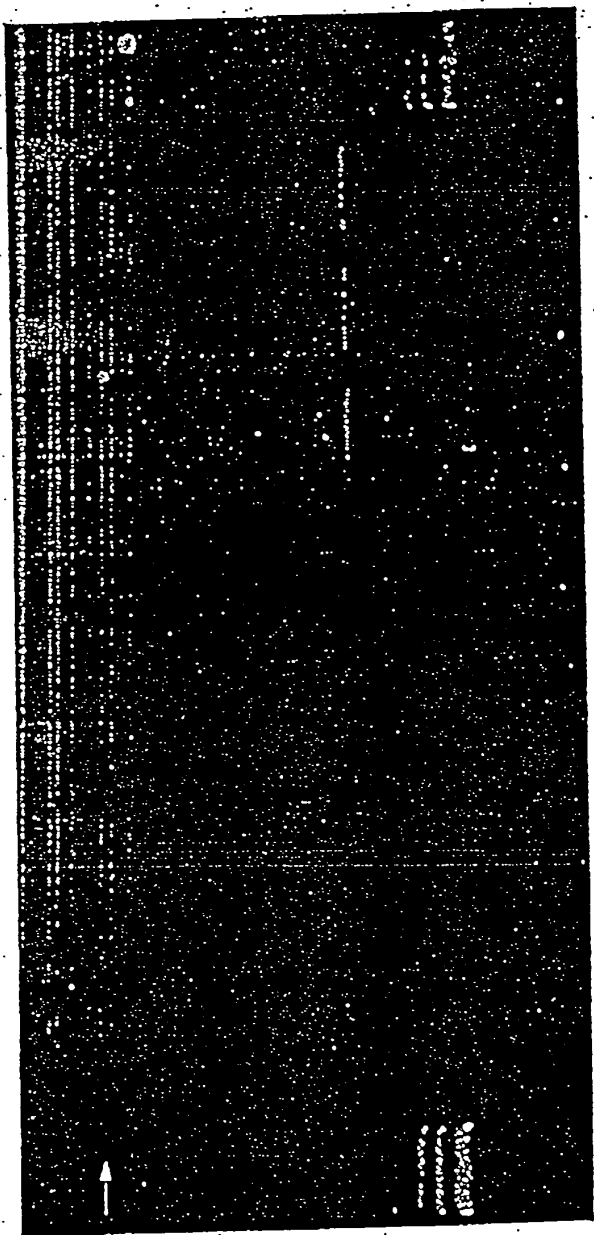
FIG. 7A (cont.)

1055 1060 1065 1070 1075 1080
122 127 132 137 142 147

1055 1060 1065 1070 1075 1080
130 135 140 145 150 155

[REDACTED]

λ HeN HeJ ScSn ScCr HeN HeJ ScN ScCR
 λ



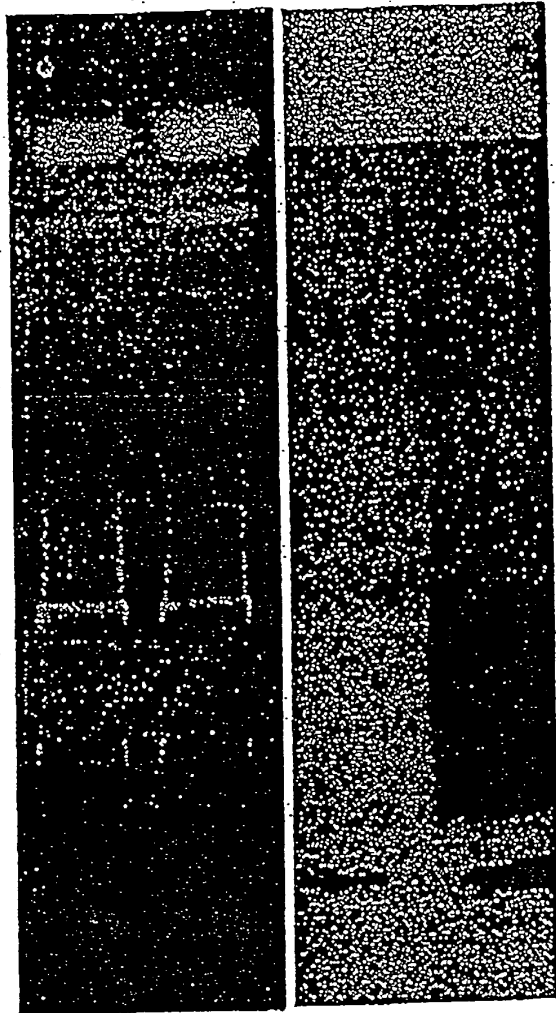
2.6 kb →

→ 0.3 kb

FIG. 8A

00206985.091599

Fig. 88



Tir4

C57BL/10 ScSn
C57BL/10 ScCr
C57BL/10 ScSn
C57BL/10 ScCr

09396985-091599

hrs post LPS: 0.5 1 2 3 4 0.5 1 2 3 4

Tlr4 $\swarrow \searrow$

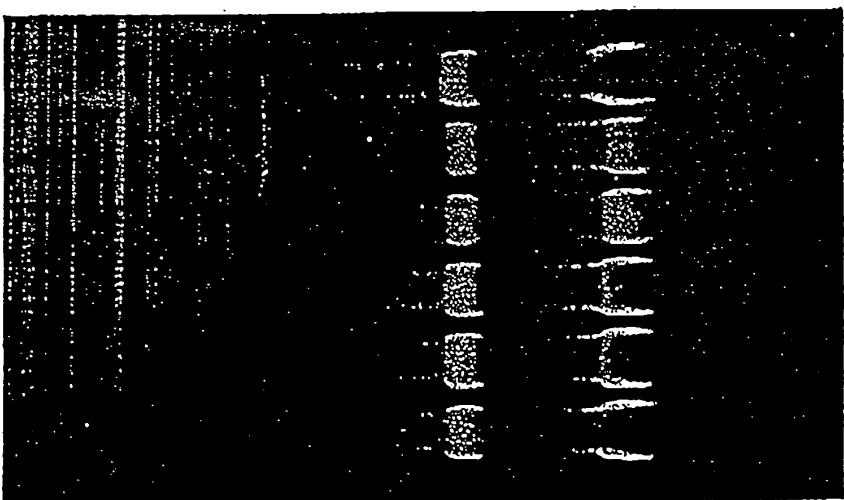


Fig. 9

09306985.091500

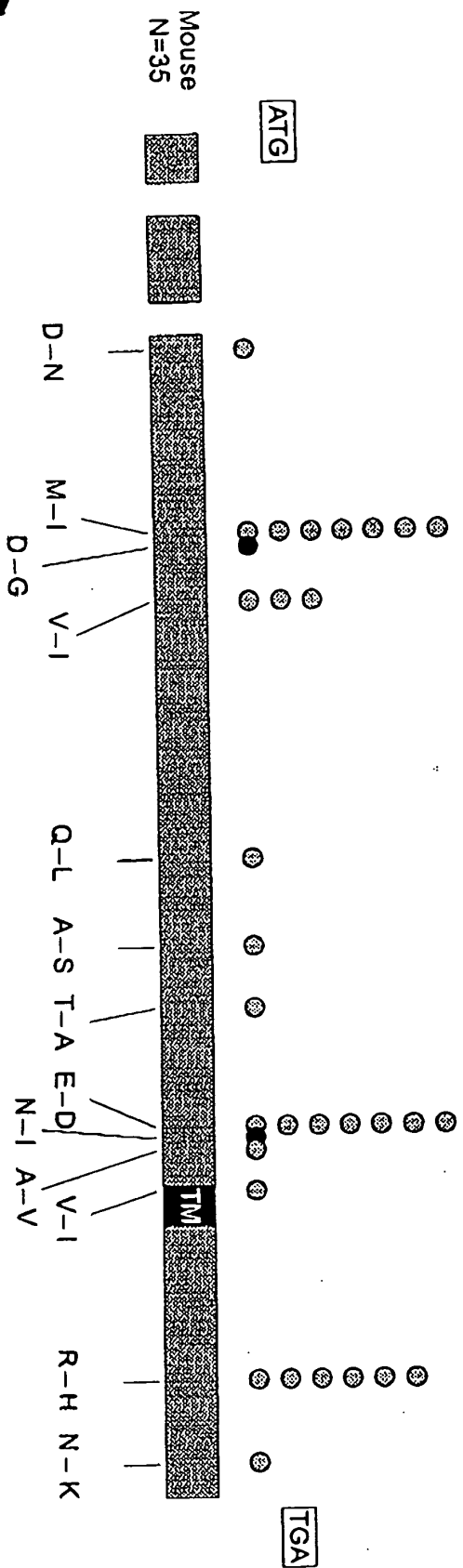


FIG. 11

00206985.001500

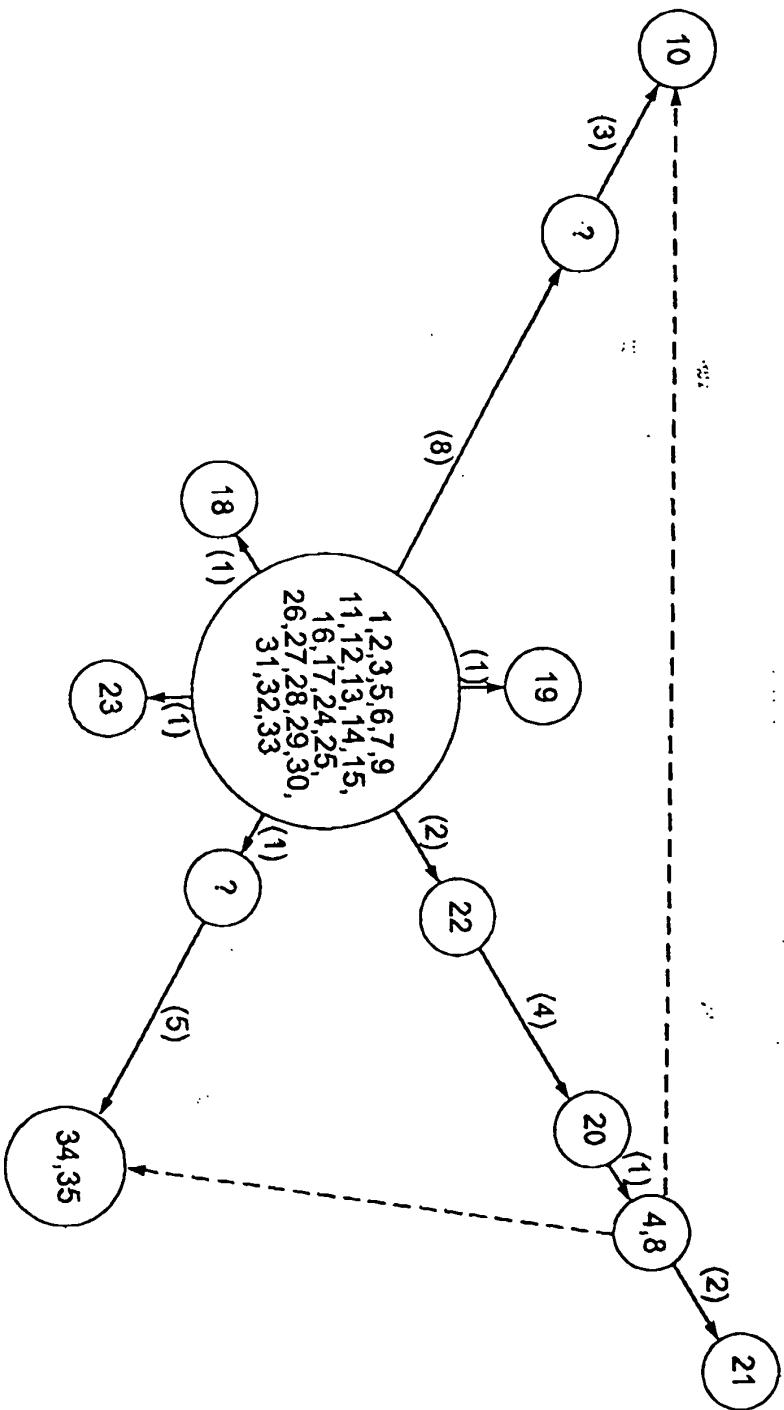


FIG. 12

09296985-091599

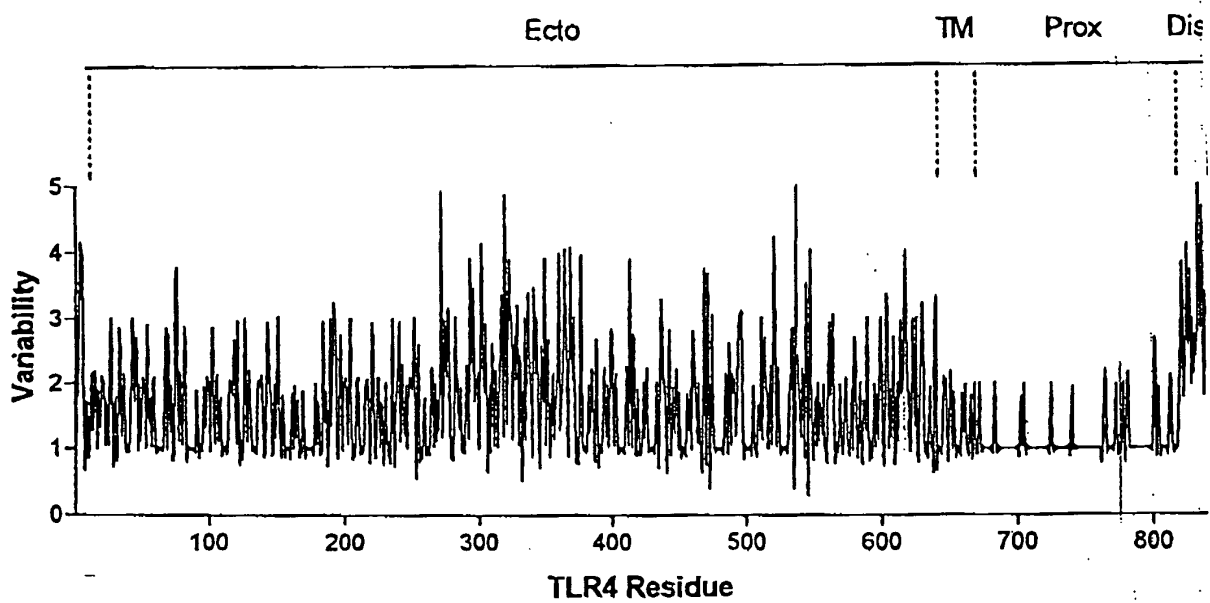


FIG. 13

665760-986982

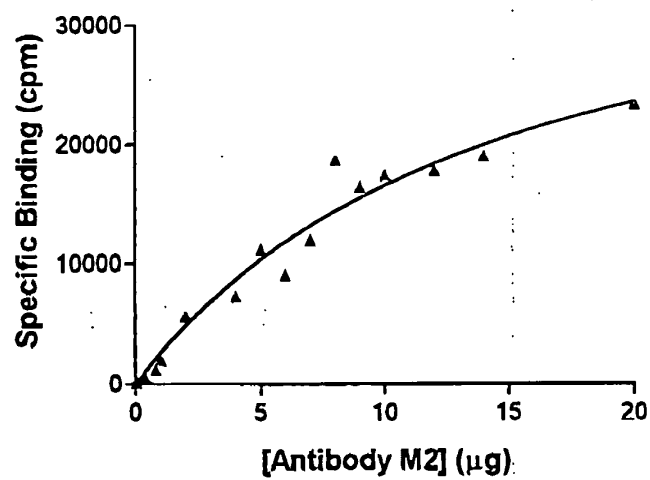


FIG. 15A

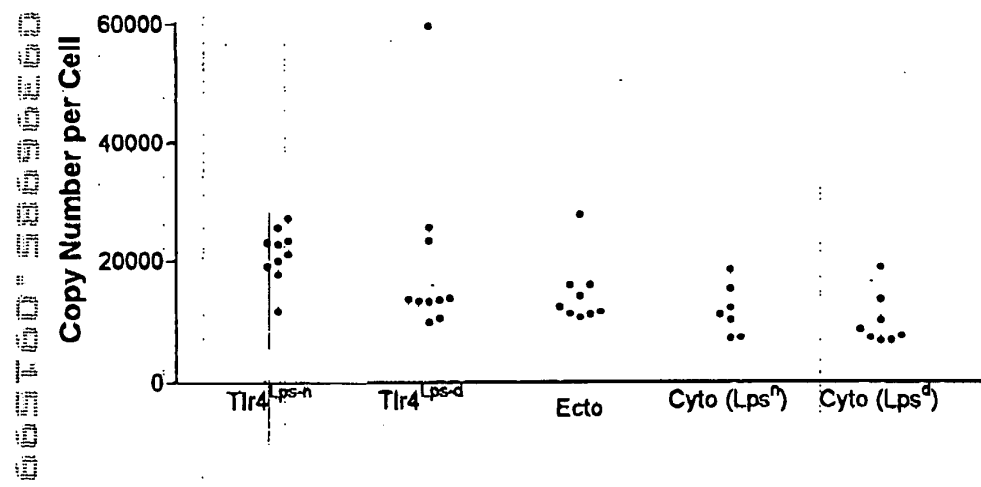


FIG. 15B

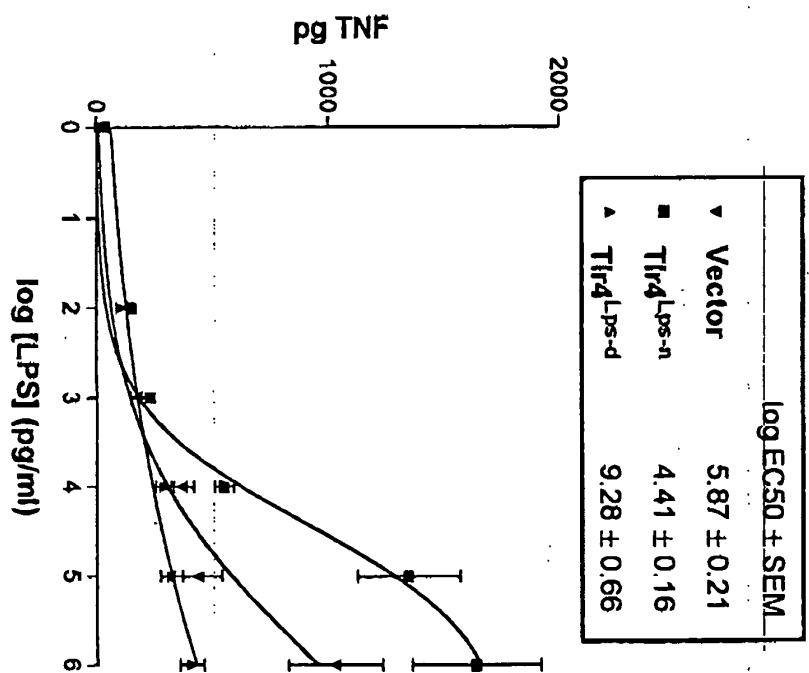


FIG. 15C

20200909.001500

665760-9369660

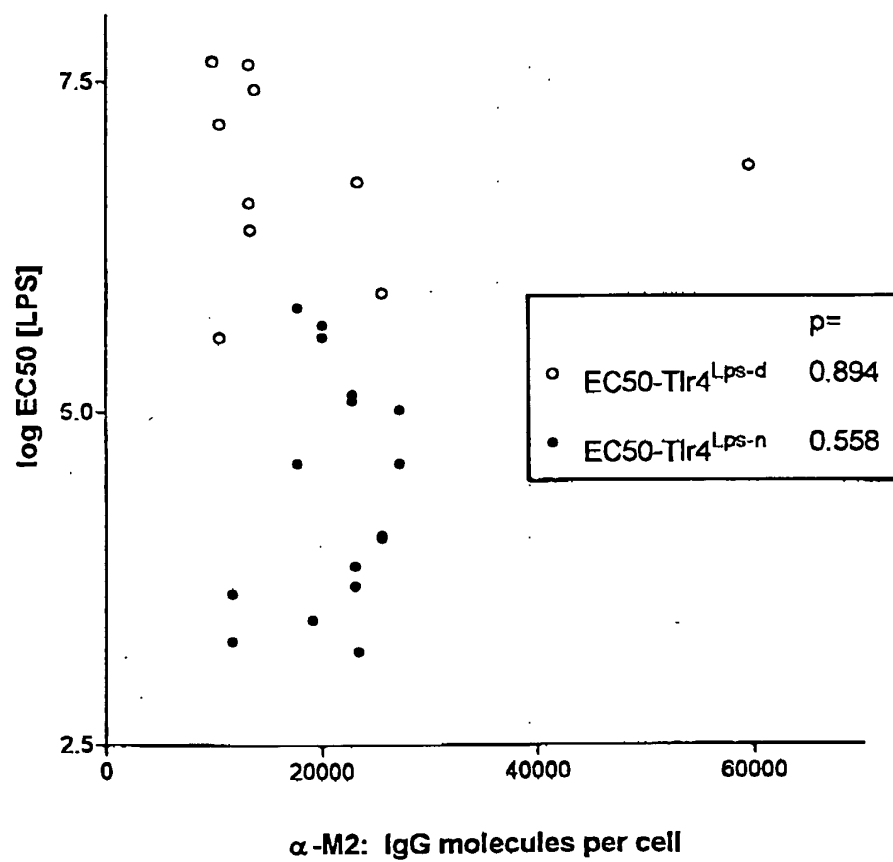


FIG. 15E

563760 3369662

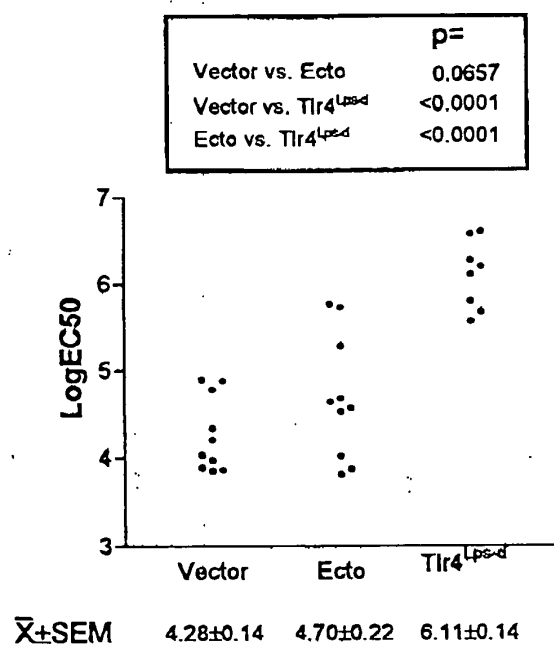


FIG. 16B

665150-335550

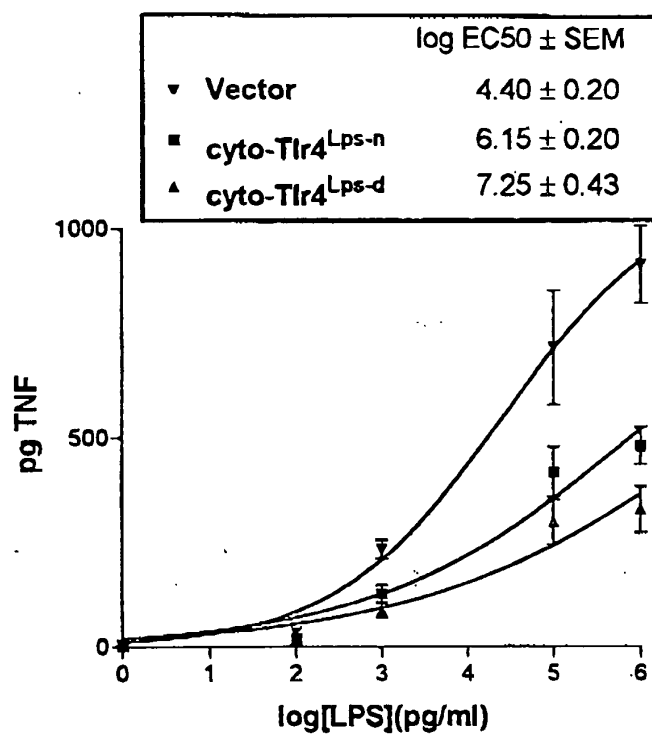


FIG. 17A

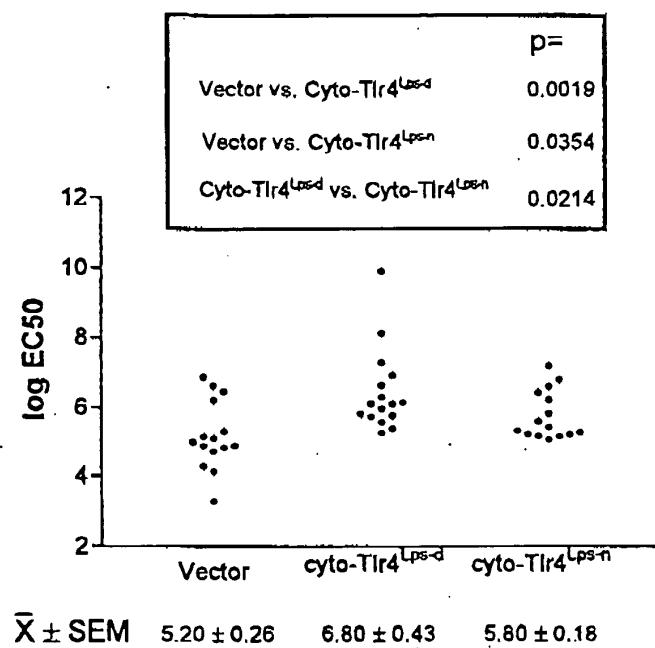


FIG. 17B